

REMARKS

Claims 1-28 are pending. By the Preliminary Amendment, the specification, abstract, and claim 17 are amended. Prompt and favorable consideration on the merits is respectfully requested.

The attached Appendix includes marked-up copies of each rewritten paragraph (37 C.F.R) 1.121 (b)(iii) and claim 17 (37 C.F.R. 1.212 (c)(ii).

Respectfully submitted,



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Enclosures:
Appendix
Substitute Abstract

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APPENDIX

Changes to Specification:

The following are marked-up version of the amended paragraphs:

Page 1, lines 4-6:

The present invention relates to ~~a game machine~~ an image generation system and a program embodied on an information storage medium or in a carrier wave.

Page 3, lines 16-21:

Since this aspect of the present invention makes it possible to create images of an object that distorts in accordance with the position of an impact thereon, it is possible to provide an image generation system and ~~an information storage medium~~ a program embodied on an information storage medium or in a carrier wave that enable a more realistic representation of the distortion of the object.

Page 5, lines 11-16:

This aspect of the present invention makes it possible to represent the distortion of an object that reflects the impact position and the magnitude and direction of the impact. It is therefore possible to provide an image generation system and ~~an information storage medium~~ a program embodied on an information storage medium or in a carrier wave that enable a more realistic representation of distortion.

Page 8, lines 3-8:

Distributing the surface-specifying point in real-time after an impact has occurred makes it possible to reduce the image generation load before a distortion due to an impact. It is therefore possible to provide an image generation system and ~~an information storage medium~~ a program embodied on an information storage medium or in a carrier wave that enable an efficient reduction in the image generation load.

Page 10, lines 15-18:

This aspect of the present invention makes it possible to provide an image generation system and ~~an information storage medium~~ a program embodied on an information storage medium or in a carrier wave that enable the representation of individual distortions corresponding to impact positions on polygonal objects.

Page 20, lines 18-21:

~~The image generation section 150~~ The image generation section 160 generates an image of a polygonal object that comprises the vertex of the surface-specifying point after it has moved when the object has been subjected to an impact.

Page 25, lines 18-21:

It also extracts ~~the surface-specifying point c1'~~ the surface-specifying point cn' that is nearest to the impact point An', from the group of surface-specifying points distributed over the distorted object (step S130).

Page 26, line 23-24:

~~A distortion point B1~~ A distortion point Bn is then calculated, based on the impact vector created by impact n (step S220).

Changes to Claims:

The following is a marked-up version of the amended claim 17:

17. ~~The information storage medium~~ The program embodied on an information storage medium or in a carrier wave as defined in claim 16, wherein the impact computation means further comprises means which calculates the magnitude and direction of the impact imparted to the object; and wherein the program comprises information necessary for calculating the at least one distortion point from at least one of the impact position and the magnitude and direction of the impact.